

# RANVET BUTE PASTE (ORAL ANTI-INFLAMMATORY & ANALGESIC)

ChemWatch Material Safety Data Sheet  
For Workplace - Small Volume Use Only.  
Issue Date: 5-Mar-2008

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

RANVET BUTE PASTE (ORAL ANTI-INFLAMMATORY & ANALGESIC)

### SYNONYMS

### PRODUCT USE

For animal treatment only. Anti-inflammatory, analgesic and antipyretic oral paste for relief of painful musculoskeletal conditions in horses.

### SUPPLIER

Company: Ranvet Pty Ltd ACN 001 606 033  
Address:  
10-12 Green Street  
East Botany  
NSW 2019  
AUS  
Telephone: +61 2 9666 1744  
Emergency Telephone: +61 418 493 533 A/H  
Fax: +61 2 9666 1755

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## Section 2 - HAZARDS IDENTIFICATION

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### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

According to the Criteria of NOHSC, and the ADG Code.

### POISONS SCHEDULE

S4

### RISK

Ingestion may produce health damage\*.  
Cumulative effects may result following exposure\*.  
May produce discomfort of the eyes\*.  
Limited evidence of a carcinogenic effect\*.  
\* (limited evidence)

### SAFETY

Wear eye/face protection.  
Take off immediately all contaminated clothing.  
In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.

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## Section 2 - HAZARDS IDENTIFICATION ...

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If you feel unwell contact Doctor or Poisons Information Centre. (Show the label if possible).

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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NAME	CAS RN	%
phenylbutazone	50-33-9	20
additives nonhazardous		>60

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.
- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.

### EYE

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

### NOTES TO PHYSICIAN

Treat symptomatically.

continued...

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### Section 5 - FIRE FIGHTING MEASURES

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#### EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area

#### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

#### FIRE/EXPLOSION HAZARD

- The material is not readily combustible under normal conditions.
- However, it will break down under fire conditions and the organic component may burn.
- Not considered to be a significant fire risk.
- Heat may cause expansion or decomposition with violent rupture of containers.
- Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).
- May emit acrid smoke.

Decomposition may produce toxic fumes of  
carbon dioxide (CO<sub>2</sub>)  
nitrogen oxides (NO<sub>x</sub>)  
other pyrolysis products typical of burning organic material  
May emit poisonous fumes.

#### FIRE INCOMPATIBILITY

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

#### HAZCHEM

None

#### Personal Protective Equipment

PERSONAL PROTECTION EQUIPMENT  
Breathing apparatus.  
Chemical splash suit.

continued...

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### EMERGENCY PROCEDURES

#### MINOR SPILLS

- Clean up all spills immediately.
- Avoid contact with skin and eyes.
- Wear impervious gloves and safety goggles.
- Trowel up/scrape up.
- Place spilled material in clean, dry, sealed container.
- Flush spill area with water and detergent.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- Avoid contact with incompatible materials.
- When handling, DO NOT eat, drink or smoke.
- Keep containers securely sealed when not in use.
- Avoid physical damage to containers.
- Always wash hands with soap and water after handling.
- Work clothes should be laundered separately.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.
- Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.

#### SUITABLE CONTAINER

Plastic container

#### STORAGE INCOMPATIBILITY

Avoid strong acids, bases.  
Avoid reaction with oxidising agents

#### STORAGE REQUIREMENTS

- Store in original containers.
  - Keep containers securely sealed.
  - Store in a cool, dry, well-ventilated area.
  - Store away from incompatible materials and foodstuff containers.
  - Protect containers against physical damage and check regularly for leaks.
  - Observe manufacturer's storing and handling recommendations.
- Store below 30 deg. C.

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## Section 7 - HANDLING AND STORAGE ...

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Protect from light.

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE CONTROLS

None assigned.

### INGREDIENT DATA

#### PHENYLBUTAZONE:

Particulate (insoluble or poorly soluble \*) Not Otherwise Specified (P.N.O.C)

TLV TWA: 10 mg/m<sup>3</sup> Inhalable particulate

TLV TWA: 3 mg/m<sup>3</sup> Respirable particulate

OEL-Sweden, United Kingdom: 10 mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable dust

These "dusts" have little adverse effect on the lungs and do not produce toxic effects or organic disease. Although there is no dust which does not evoke some cellular response at sufficiently high concentrations, the cellular response caused by P.N.O.C.s has the following characteristics:

- the architecture of the air spaces remain intact,
- scar tissue (collagen) is not synthesised to any degree,
- tissue reaction is potentially reversible.

Extensive concentrations of P.N.O.C.s may:

- seriously reduce visibility,
- cause unpleasant deposits in the eyes, ears and nasal passages,
- contribute to skin or mucous membrane injury by chemical or mechanical action, per se, or by the rigorous skin cleansing procedures necessary for their removal. [ACGIH]

This limit does not apply:

- to brief exposures to higher concentrations
- nor does it apply to those substances that may cause physiological impairment at lower concentrations but for which a TLV has as yet to be determined.

This exposure standard applies to particles which

- are insoluble or poorly soluble\* in water or, preferably, in aqueous lung fluid (if data is available) and
- have a low toxicity (i.e.. are not cytotoxic, genotoxic, or otherwise chemically reactive with lung tissue, and do not emit ionizing radiation, cause immune sensitization, or cause toxic effects other than by inflammation or by a mechanism of lung overload)

\* Notice of intended change

Dusts not otherwise classified, as inspirable dust;

ES TWA: 10 mg/m<sup>3</sup>

### PERSONAL PROTECTION

continued...

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION ...

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### EYE

- Safety glasses with side shields; or as required,
- Chemical goggles.
- Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

### HANDS/FEET

Wear chemical protective gloves, eg. PVC.  
Wear safety footwear or safety gumboots, eg. Rubber

### OTHER

- Overalls.
- P.V.C. apron.
- Barrier cream.
- Skin cleansing cream.
- Eye wash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

## ENGINEERING CONTROLS

General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

Aqua thick paste with suspended particles and odour of apple; does not mix with water.

### PHYSICAL PROPERTIES

Liquid.  
Does not mix with water.

Sinks in water.

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Immiscible  
pH (1% solution): Not Available  
Volatile Component (%vol): Not Available  
Relative Vapour Density (air=1): Not Applicable

Boiling Range (°C): Not Available  
Specific Gravity (water=1): 1.08-1.18  
pH (as supplied): 6.0-7.0  
Vapour Pressure (kPa): Negligible  
Evaporation Rate: Not Applicable  
Flash Point (°C): Not Applicable

continued...

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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES ...

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Lower Explosive Limit (%): Not Applicable  
Autoignition Temp (°C): Not Available  
State: Non Slump Paste

Upper Explosive Limit (%): Not Applicable  
Decomposition Temp (°C): Not Available

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## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

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### CONDITIONS CONTRIBUTING TO INSTABILITY

Product is considered stable and hazardous polymerisation will not occur.

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## Section 11 - TOXICOLOGICAL INFORMATION

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### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

##### SWALLOWED

Ingestion may result in nausea, abdominal irritation, pain and vomiting  
Other effects are oedema, skin rash, vertigo, headache, blurred vision,  
ulcerative stomatitis, hepatitis, jaundice, haematuria, nephritis, renal failure,  
goitre, bone marrow depression, sweating, tinnitus, acidosis, convulsions and  
coma.

##### EYE

The material may produce moderate eye irritation leading to inflammation.  
Repeated or prolonged exposure to irritants may produce conjunctivitis.

##### SKIN

The material is not thought to produce adverse health effects or skin irritation  
following contact (as classified by EC Directives using animal models).  
Nevertheless, good hygiene practice requires that exposure be kept to a minimum  
and that suitable gloves be used in an occupational setting.  
Entry into the blood-stream, through, for example, cuts, abrasions or lesions,  
may produce systemic injury with harmful effects. Examine the skin prior to the  
use of the material and ensure that any external damage is suitably protected.

##### INHALED

The material is not thought to produce adverse health effects or irritation of  
the respiratory tract (as classified by EC Directives using animal models).  
Nevertheless, good hygiene practice requires that exposure be kept to a minimum  
and that suitable control measures be used in an occupational setting.

##### CHRONIC HEALTH EFFECTS

Substance accumulation, in the human body, may occur and may cause some concern following  
repeated or long-term occupational exposure. There has been some concern that this

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### Section 11 - TOXICOLOGICAL INFORMATION ...

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material can cause cancer or mutations but there is not enough data to make an assessment. Exposure to small quantities may induce hypersensitivity reactions characterised by acute bronchospasm, hives (urticaria), deep dermal wheals (angioneurotic oedema), running nose (rhinitis) and blurred vision. Anaphylactic shock and skin rash (non-thrombocytopenic purpura) may occur. An individual may be predisposed to such anti-body mediated reaction if other chemical agents have caused prior sensitisation (cross-sensitivity).

#### Ranvet Bute Paste (Oral Anti-Inflammatory & Analgesic)

Not available. Refer to individual constituents.  
unless otherwise specified data extracted from RTECS - Register of Toxic Effects  
of Chemical Substances

##### PHENYLBUTAZONE:

##### IRRITATION

Eye (rabbit): 100 mg - moderate

##### TOXICITY

Oral (rat) LD50: 245 mg/kg  
Intraperitoneal (rat) LD50: 142 mg/kg  
Subcutaneous (rat) LD50: 230 mg/kg  
Intravenous (rat) LD50: 100 mg/kg  
Intramuscular (rat) LD50: 220 mg/kg  
Oral (mouse) LD50: 270 mg/kg  
Intraperitoneal (mouse) LD50: 128 mg/kg  
Subcutaneous (mouse) LD50: 230 mg/kg  
Intravenous (mouse) LD50: 90 mg/kg  
Intramuscular (mouse) LD50: 430 mg/kg  
Oral (dog) LD50: 332 mg/kg

Altered sleep time, somnolence, tremor, convulsions, change in motor activity, ataxia, analgesia, elevated blood pressure, dyspnea, glomeruli and tubule changes, anuria, haematuria, leukopenia, agranulocytosis, changes in blood cell count, leukaemia, maternal effects, effects on fertility, foetotoxicity, foetolethality, specific developmental abnormalities (musculoskeletal system, cardiovascular system), effects on newborn recorded.

Carcinogenic by RTECS criteria.

The substance is classified by IARC as Group 3:

NOT classifiable as to its carcinogenicity to humans.

Evidence of carcinogenicity may be inadequate or limited in animal testing.

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### Section 12 - ECOLOGICAL INFORMATION

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DO NOT discharge into sewer or waterways.

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### Section 13 - DISPOSAL CONSIDERATIONS

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Puncture containers to prevent re-use and bury at an authorised landfill.

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## Section 14 - TRANSPORTATION INFORMATION

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Shipping Name:

None

Dangerous Goods Class: None

UN/NA Number: None

ADR Number: None

Packing Group: None

Labels Required:

Additional Shipping Information:

International Transport Regulations:

IMO: None

## HAZCHEM

None

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## Section 15 - REGULATORY INFORMATION

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## POISONS SCHEDULE

S4

## REGULATIONS

No data available for phenylbutazone as (CAS: 50-33-9).

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## Section 16 - OTHER INFORMATION

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